

Drain: TJ PATTERSON Drain #: 47  
Improvement/Arm: GWINN & MARTIN  
Operator: J. LIVINGSTON Date: 5-24-04  
Drain Classification: Urban/Rural Year Installed: 1980

### GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

*JWJ*  
*JWJ*  
  
  
  
  
*JWJ*  
  
  
*JWJ*  
*JWJ*  
*JWJ*

**Gasb 34 Footages for Historical Cost  
Drain Length Log**

Drain-Improvement: TJ PATTERSON - GARDNER & MARTIN

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	16"	1980'	1980'		5. <sup>50</sup> / <sub>100</sub>	10890 <sup>==</sup>
	18"	590'	590'		6. <sup>50</sup> / <sub>100</sub>	3835 <sup>==</sup>

Sum: 2570'      2570'      \$14725<sup>==</sup>

Final Report: 2570'

Comments:

---



---



---



---



---

Viewers Report  
in the petition  
of  
Henry Givins &  
Joseph Martin Etal  
to Repeal  
O. J. Patterson  
Ordinance

**FILED**

JUL 22 1930

*A. J. Hines*  
AUDITOR HAMILTON COUNTY

STATE OF INDIANA }  
HAMILTON COUNTY } SS

IN *Commissioners*... COURT.

IN THE MATTER OF THE PETITION

OF *Gwinn W. Martin*..... ET. AL.

FOR THE REPAIR OF THE *T. J. Patterson*..... DRAIN.

REPORT of Drainage Commissioners and Engineer,

To the Honorable *Board of Commissioners of Hamilton County,*

We the undersigned Commissioners of Drainage and the Engineer, to whom the above entitled petition for Drainage of certain lands in *Fall Creek* Township, Hamilton County, Indiana, was referred.

We would respectfully report that we met in the Auditors Office, on the *15th* day of *June* *1933* *1930*, qualified and proceeded to View said Drain and lands effected thereby.

After a careful investigation of the condition of said Drain, we are of the opinion that said Drain should be repaired and in a manner set out in this report and that the same when completed will improve the public health and will reclaim certain lands, and will be a public utility, and will benefit highways, also that the cost of constructing, damages and expenses of effecting said Drain will be less than the benefits to the lands effected by said Drainage.

That we definitely determined the best and cheapest method of effecting the Drainage of such lands, we have fixed the route, location and character of said proposed work and have fixed the same by metes and bounds, courses, distances, descriptions and guides and Bench Marks, for a complete outlet for the Drainage of said lands effected by said proposed work; that we divided the Ditch into Sections of not more than 100 feet in length by setting stakes at each 100 feet.

*5' x 4' - 6' wood  
slat - 10" below  
ground -*

*4*

**LOCATION.**

Begin 1029 feet North and 615 feet East of the Southwest Corner of the East half of the Southeast quarter of Section 22, Township 18 North, Range 5 East, said point being at the intersection of Arm No. 1. to Main Ditch, <sup>Patterson</sup> Thence South 74 degrees West, to Station 3; Thence 5 degrees Left to Station 9 plus 77; Thence 14 degrees and 30 minutes Right to Station 22 plus 39; Thence 30 degrees Right to Station 25 plus 70, and terminating in Sand Creek at a point which is 735 feet East and 790 feet North of the Southwest Corner of the East half of the Southwest quarter of Section 22, Township 18 North, Range 5 East.

**REQUIREMENTS.**

Said Ditch, shall consist of One Row of 16 inch Tile from Station 0 to Station 19 plus 80; And One Row of 18 inch Tile from Station 19 plus 80, to Station 25 plus 70,  
Also at Station 0, a Concrete connection Box 2'X3'-6" inside measurements, with 6" Walls and Bottom, covered with a 4" Slab,  
And at Station 19 plus 80, One 12"X18" Wye Connection,  
And at Station 25 plus 77, shall be built a reinforced Concrete Retaining Wall 3' wide at Bottom and 1' wide at Top and 6' high, and 14' Long, and shall be to a depth of two feet below the grade line of the ditch.

The work will be staked out by the Engineer and his stakes must be carefully preserved and followed. The digging of each and every portion of the Ditch must be at its outlet, or its junction with another Drain towards its upper end, The ditch to be dug along one side of the line of survey stakes, and sufficient distance from not to disturb them, and shall be dug in a straight and clean manner. In taking out the last draft the blade of the spade must not go deeper than the grade line. The ditch must be dug accurately and true to the grade at the depth indicated by the figures given by the Engineer, measuring from the grade stakes. The laying of the tile must begin at the lower end and proceed up stream. The tile must be laid as closely as practicable and in a line free from crooks, the pieces being turned about until the upper closes, unless there is sand or fine silt which is likely to run into the tile, in which case the lower edge must be laid close and the upper side covered with clay or other material. When making turns or by other unavoidable reason a crack of one-fourth ( $\frac{1}{4}$ ) inch or more is necessary left, it must be securely covered with broken pieces of tile or by other indestructible material. Junctions with branch lines must be carefully and securely made.

After the tile have been laid and inspected by the Engineer or his representatives, they must be covered with the earth excavated from the trench, or borrowed clay or soil. Where said trench does not afford sufficient material, and in no case less than two (2) feet in depth over the tile in New Guts, and where said Drain is in an open channel the filling shall be to a depth of not less than Two (2) feet above the top of the tile, for the full width of said channel, in no case must the tile be covered with sand without other material being first used, and in no case will boulders or heavy rock be allowed in the filling if they may in time come in contact with the tile.

The ditch contractor must assume all risk from caving in of the ditch, and when each drain is completed it must be free from sand and mud before it will be received and paid for in full. In case it is found impracticable, by reason of bad weather or other unlooked for trouble in digging the ditch or properly laying the tile, to complete the work specified in the contract, the time may be extended as mutually agreed upon by the contractor and the Engineer.

The contractor shall use all necessary precautions to secure his work from injury while he is constructing the Drain.

All tile and material used in the construction of this drain and its tributaries thereto, included in the requirements of these specifications, shall be first class in every respect and subject to rigid inspection by the Engineer.

The Engineer shall have authority to lay out and direct the work, and to inspect and supervise the same during the construction and completion to see that it is properly done in accordance with the specifications and contract, and his instructions shall be fully carried out.

#### CONCRETE WORK.

Unless otherwise specified all concrete work included in these specifications shall be a mixture of 1- 2- 3 ; One part Portland Cement, Two part Sand and Three part Gravel.

The sand and Gravel to be free from dirt, loam and other foreign matter.

The Cement, Sand and gravel to be thoroughly mixed while dry until it presents an even shade of coloring throughout, then made into a moderately wet mortar, and be immediately placed in the forms for moulding the concrete into shape.

The forms for all concrete work shall be neatly constructed free from strong materials and shall be true to lines, dimensions and shape given for the different structures.

Sta.	Ground Cut,	Cl. Yds.
0,	4.00	
1,	4.63	36
2,	5.05	40
3,	4.75	40
4,	5.90	44
5,	6.25	50
6,	5.50	47
7,	4.85	42
8,	6.20	45
9,	4.90	46
10,	5.29	42
11,	5.34	44
12,	5.49	45
13,	5.29	44
14,	4.99	43
15,	4.84	40
16,	4.54	38
17,	4.09	36
18,	4.83	36
19,	4.50	38
20,	4.23	36
21,	5.68	41
22,	6.80	52
23,	6.13	54
24,	5.13	46
25,	4.43	40
25 - 70,	3.95	35



Estimate Cost of Construction including,  
 Material, Labor, Hauling etc., necessary for completion of the work  
 in accordance with the Plans and Specifications,

Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Total,		\$ 1870. <sup>00</sup>

Estimate expense, including,

Attorneys Fee, .....	\$ .....	
Recording & Releasing, .....	\$ .....	
Legal Printing, .....	\$ .....	
Superintendent of Construction, .....	\$ .....	
Court expenses etc., .....	\$ .....	
Contingency fund, .....	\$ .....	
Total,		\$ 481

We claim for services, expenses & mileage, to Date for;

<i>L.M. Stueben</i> <i>Drainage Commissioner</i>		5
<i>Silas W. W. W. W. W.</i> Drainage Commissioner,	\$ ..	10
<i>E. F. Keffer</i> Viewer, .....	\$ ..	10
<i>J. H. Hannon</i> Engineer & Helpers, ..	\$ ..	67
Total,		\$ 92

Grand Total, \$ 2443.<sup>00</sup>

Gwinn & Martin Drain

= 1 =

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Ella G. Ogle	7 A. out of SE Cor SE SW	22	18	5	7	00	7	00	38	50	35	00	35	00
John Arthur O	NW NE	27	18	5	40	00	40	00	132	00	120	00	120	00
W. O. Sylvester	Pt SW NE	27	18	5	12	00	12	00	13	20	12	00		
Do	8 A. out of SE Cor NE NW	27	18	5	8	00	8	00	26	40	24	00	36	00
Henry Gwinn	Pt SW SE	22	18	5	31	00	31	00	238	70	217	00		
Do	15 A. off N side SE SE	22	18	5	15	00	15	00	115	50	105	00		
Do	11 A. off S side NE SE	22	18	5	11	00	11	00	60	50	55	00	377	00
Sampson Martin	25 A. off S side SE SE	22	18	5	25	00	25	00	192	50	175	00		
Do	W. 30 A. SW SW	23	18	5	30	00	30	00	165	00	150	00	325	00
Theo Washstetter	NE NE	27	18	5	40	00	40	00	176	00	160	00		
W. H. Walker	Pt SE NE	27	18	5	39	00	39	00	64	30	58	50		
Do	W 1/2 NW NW	26	18	5	20	00	20	00	88	00	80	00		
Do	SW NW	26	18	5	40	00	40	00	66	00	60	00	358	50
Charlotte Fern Sneed	NE NE SE	27	18	5	2	00	2	00	3	30	3	00	3	00
Geo C Sneed & Margaret	W 1/2 NW SW	26	18	5	8	00	8	00	13	20	12	00	12	00
Louie and Ralph Mosbaugh	NE NW SW	26	18	5	10	00	10	00	11	00	10	00		
Do	N 1/2 NE SW	26	18	5	20	00	20	00	22	00	20	00	30	00
Diana Young	S 1/2 SE NW	26	18	5	20	00	20	00	22	00	20	00	20	00
Emily Young	E 1/2 NW NW	26	18	5	20	00	20	00	88	00	80	00	80	00
Thomas Meara	NW NE NW	26	18	5	10	00	10	00	44	00	40	00		
Do	S 1/2 NE NW	26	18	5	20	00	20	00	44	00	40	00		
Do	N 1/2 SE NW	26	18	5	20	00	20	00	33	00	30	00	110	00
Freddie L. Dunlap	Pt W 1/2 NE	26	18	5	7	00	7	00	30	80	28	00	28	00

Gwin & Martin Drain

= 2 =

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Edward Kinnaman	NE NE NW	26	18	5	10	00	10	00	55	00	50	00		
Do	Pt S 1/2 SW, SE	23	18	5	12	00	12	00	39	60	36	00	86	00
Geo. D. Foster & wife	Pt SW SW SW	24	18	5	4	00	4	00	4	90	4	00	4	00
Daul Wood & wife	Pt NW SE	23	18	5	8	00	8	00	17	60	16	00	16	00
T. J. Patterson, est.	Pt NW NE	26	18	5	22	00	22	00	24	20	22	00		
Do	Pt NE NE	26	18	5	3	00	3	00	6	60	6	00		
Do	NW SW	23	18	5	40	00	40	00	154	00	140	00		
Do	Pt S 1/2 SW S 1/2 NW	23	18	5	5	00	5	00	11	00	10	00		
Do	Pt SE	23	18	5	72	25	72	25	158	40	144	50	322	50
Elizabeth C. Bennett	NE SW	23	18	5	40	00	40	00	154	00	140	00		
Do	Pt W 1/2 W 1/2 NW, SE	23	18	5	3	00	3	00	13	20	12	00	152	00
Vesta Owens	E. 10. A. SW SW	23	18	5	10	00	10	00	55	00	50	00		
Do	SE SW	23	18	5	40	00	40	00	228	00	200	00		
Do	S.A. W. side SW SE	23	18	5	5	00	5	00	22	00	20	00	270	00
Chas Tate	Pt NE NE	26	18	5	3	00	3	00	6	60	6	00	6	00
Hamilton County	Benefit to public Highway Greenfield Road													
	SW SW	24	18	5					5	50	5	00		
	N & S Between	23	18	5					2	20	2	00		
	N & S Thro E 1/2	22	18	5					16	50	15	00		
	E & W Between	23	18	5					16	50	15	00		
	N & S E 1/2	27	18	5					5	50	5	00	42	00
Fall Creek Twp.	Benefit to public Highway 1-N & S Thro Cent	26	18	5					11	00	10	00	10	00
														\$ 2443.50

STATE OF INDIANA }  
Hamilton County } SS

We the undersigned Viewers and Engineer, to whom was referred the above entitled petition for report, after being duly sworn upon Oath say that we have personally examined the whole line of said proposed Ditch, that the assessments herein made and reported are correct, just and equitable to all parties herein as interested, That no other lands will be benefitted or injured by said proposed Drain, and that the above and foregoing report is true in substance and in fact as we verily believe.

*Silas S. Levander*  
.....

*E. F. Keffer*  
.....  
Viewers.

*J. D. Shannon*  
.....  
Engineer.

Subscribed & Sworn to before me this *2<sup>nd</sup>* day of *July*.... 1930

.....  
*A. J. Hines*  
.....  
Of Hamilton County.